

ABSTRACT

In a cold stocker according to the present invention, a compartment-cooling heat exchanger is connected to a cold-side heat exchanger mounted to a cold section of a Stirling refrigerating engine so as to form a cold-side refrigerant circulation circuit. To a warm section of the Stirling refrigerating engine, a first warm-side heat exchanger and a second warm-side heat exchanger are mounted. A heat-dissipating heat exchanger is connected to the first warm-side heat exchanger so as to form a first warm-side refrigerant circulation circuit. To the second warm-side heat exchanger are connected a heat exchange portion for promoting evaporation in drainage and a heat exchange portion for preventing dew condensation on a cold stocker wall so as to form a second warm-side refrigerant circulation circuit.